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Customer No.: 31561
Application No.: 10/604,818
Docket No.: 11260-US-PA**AMENDMENTS****In The Claims:**

1. (currently amended) A method for driving a current-driven Active Matrix Organic Light Emitting Diode (AMOLED) pixel, comprising:

updating a current value of a current source of the AMOLED pixel;

turning on a charging path used by the current source to charge a storage capacitor of the AMOLED pixel;

in an initial stage of the turning on of the charging path used by the current source to charge the storage capacitor of the AMOLED pixel, in response to a scanning control signal, providing a pre-charging signal to the current source to have the storage capacitor discharged in advance ~~in response to a scanning control signal~~; and

completing the charging of the storage capacitor, and cutting off the charging path used by the current source to charge the storage capacitor of the AMOLED pixel.

2. (currently amended) The method of claim 1, wherein the pre-charging signal makes the storage capacitor to discharge to a pre-determined potential value.

3. (new) A method for driving a current-driven Active Matrix Organic Light Emitting Diode (AMOLED) pixel, the AMOLED pixel comprising a first through a fourth transistors, a storage capacitor and an OLED, wherein gates of the first and second transistors are coupled to a scanning line, drains of the first and second transistors are

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coupled to a current source, a source of the first transistor is coupled to a drain of the third transistor, a source of the second transistor is coupled to gates of the third and fourth transistors and one end of the storage capacitor, sources of the third and fourth transistors are coupled to the other end of the storage capacitor and an anode of the OLED, a drain of the fourth transistor is coupled to a power source, and a cathode of the OLED is coupled to a reference voltage, the method comprising:

updating a current value of the current source of the AMOLED pixel;

turning on a charging path used by the current source to charge the storage capacitor of the AMOLED pixel;

in an initial stage of the turning on of the charging path used by the current source to charge the storage capacitor of the AMOLED pixel, in response to a scanning control signal, providing a pre-charging signal to the current source to have the storage capacitor discharged in advance; and

completing the charging of the storage capacitor, and cutting off the charging path used by the current source to charge the storage capacitor of the AMOLED pixel.

4. (new) The method of claim 3, wherein the pre-charging signal makes the storage capacitor to discharge to a pre-determined potential value.